



# Hangzhou Risingsun Cable Co., Ltd



**RSLMR200-UF**

Construction	Material	Diameter(inch/mm)	
Inner Conductor	Stranded Bare Copper	0.044	1.12
Dielectric	Foamed PE	0.116	2.95
First Shield	Bonded Alumium Foil	0.121	3.07
Second Shield	90% Tinned Copper Braid	0.144	3.66
Jacket Indoor/Outdoor	TPE	0.195	4.95

## Electrical Characteristics

Capacitance(pF/m)	80.3
Impedance( $\Omega$ )	50
Velocity of Propagation(%)	83.0
Conductor DCR(Ohm/km)	24.6
Outer shield DCR(Ohm/km)	16.1
Return Loss(dB)	$\geq 20$
Shielding Effectiveness(dB)	$> 90$
Max Operating Voltage(RMS)	3000
Operating Temp Range( $^{\circ}\text{C}$ )	-40 to 85

## Attenuation ( 20 $^{\circ}\text{C}$ )

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
30	2.1	7.0
50	2.7	9.0
150	4.8	15.7
220	5.8	19.0
450	8.3	27.4
900	11.9	39.1
1500	15.5	50.9
1800	17.1	55.9
2000	18.0	59.1
2500	20.1	66.4
5800	31.6	103.8

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